

ABSTRACT OF THE DISCLOSURE

The invention relates to an improved handoff method for mobile IP in a cdma2000 network. During handoff, the A10 connection between the Target PCF and the PDSN is pre-set-up, while the MS is still connected to a MSC, when the Target PCF receives the message from the Target BSC to set up the A8 connection. Furthermore, in the case of inter-PDSN handoff, a tunnel is established between the PDSNs, over which the PPP context eventually is transferred to the Target PDSN. The Target PDSN then sends a message to the MS triggering a re-registration with the HA. The Target PDSN takes over full responsibility for the MS when it receives the Mobile IP Result from the HA, and sends a message to the Serving PDSN to let the latter know that it can release all resources related to the MS.

Suggested publication figure: Figure 2.